## EAST Search History

| Ref #      | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|---|---------------------|---------|---------------------|
| S1         | 1    | "10563619"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/08/11<br>11:38 |
| <b>S</b> 2 | 35   | "20030209712"<br>"6150676" "3435236"<br>"20040021057"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/08/11<br>14:37 |
| S3         | 29   | S2 and @ad <<br>"20040317"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/08/11<br>14:37 |
| <b>S</b> 4 | 84   | ((photo adj sensor) or (photo adj sensens\$4) or ("CCD" or "charge coupled device") or (image adj sensor) or (photo adj diode) or (light adj detect\$3)) same ("control electrode" or gate) same ((n and p) adj (type)) and well and (carrier or electron or hole) and (buried adj layer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/08/11<br>15:12 |
| <b>S</b> 5 | 891  | ((photo adj sensor) or (photo adj sensens\$4) or ("CCD" or "charge coupled device") or (image adj sensor) or (photo adj diode) or (light adj detect\$3)) same ("control electrode" or gate) same ((n and p) adj (type)) and (carrier or electron or hole) and (electrode or conduct \$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/08/11<br>15:14 |

| <b>S</b> 6 | 782 | ((photo adj sensor) or (photo adj sensens\$4) or ("CCD" or "charge coupled device") or (image adj sensor) or (photo adj diode) or (light adj detect\$3)) same ("control electrode" or gate) same ((n and p) adj (type)) and (carrier or electron or hole) and (electrode or conduct \$3) and well | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>15:15 |
|------------|-----|---|---|----|----|---------------------|
| <b>S</b> 7 | 541 | S6 and @ad <<br>"20040317"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>15:16 |
| S8         | 63  | S4 and @ad <<br>"20040317"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>15:49 |
| S9         | 0   | ((photo adj sensor) or<br>(photo adj sensens\$4)<br>or ("CCD" or "charge<br>coupled device") or<br>(image adj sensor) or<br>(photo adj diode) or<br>(light adj detect\$3))<br>and "carrier<br>seperation" and<br>"control electrode" and<br>electron and hole and<br>recombination and<br>output  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>17:08 |
| S10        | 50  | ((photo adj sensor) or<br>(photo adj sensens\$4)<br>or ("CCD" or "charge<br>coupled device") or<br>(image adj sensor) or<br>(photo adj diode) or<br>(light adj detect\$3))<br>and "carrier" and<br>"control electrode" and<br>electron and hole and<br>recombination and<br>output                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>17:08 |

| S11 | 45    | S10 and @ad <<br>"20040317"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/11<br>17:09 |
|-----|-------|---|---|----|----|---------------------|
| S12 | 26    | ("4116717"  <br>"4236829"  <br>"4250516"  <br>"4284997"  <br>"4365262"  <br>"4377817").PN. OR<br>("4454526").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/08/12<br>09:05 |
| S13 | 41762 | micron.as.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:17 |
| S14 | 0     | ((photo adj gate) or<br>(photo adj transistor))<br>and ("control<br>electrode") same ((n<br>and p) adj (type)) and<br>well and (carrier or<br>electron or hole) and<br>(buried adj layer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:19 |
| S15 | 1     | ((photo adj gate) or<br>(photo adj transistor))<br>and ("control<br>electrode") and ((n<br>and p) adj (type)) and<br>well and (carrier or<br>electron or hole) and<br>(buried adj layer)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:19 |
| S16 | 12    | ((photo adj gate) or<br>(photo adj transistor))<br>and ("control<br>electrode") and ((n<br>and p) adj (type)) and<br>well and (carrier or<br>electron or hole)                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:20 |
| S17 | 9     | S16 and @ad <<br>"20040317"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:20 |

| S18 | 21 | ("5486711"  <br>"5780884"  <br>"5844234"  <br>"5861645"  <br>"5880494").PN. OR<br>("6023293").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/08/12<br>17:26 |
|-----|----|---|---|----|----|---------------------|
| S19 | 35 | and ((n and p) adj<br>(type)) and well and  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:30 |
| S20 | 30 | S19 and @ad <<br>"20040317"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:31 |

8/13/2008 1:48:11 PM

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